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CLIENT NO. 000174.0442 DOCKET NO. 174/442 Div. (A730 D1)CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to
the U.S. Patent and Trademark Office on the date shown below.

Andrew Shive 9/29/05
Date

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PATENTS
174/442 Div.
(A730-D1)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant : Gregory Starr
Patent No. : 6,812,756
Issued : November 2, 2004
Application No. : 10/669,295 Confirmation No. 4651
Filed : September 23, 2003
For : PLL/DLL CIRCUITRY PROGRAMMABLE FOR HIGH
BANDWIDTH AND LOW BANDWIDTH APPLICATIONS

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

REVOCATION OF POWER OF ATTORNEY
AND NEW POWER OF ATTORNEY

Sir:

ALTERA CORPORATION, the assignee of the entire right, title and interest in and to the above-identified United States patent application, hereby revokes any powers of attorney previously granted and appoints the practitioners associated with Customer No. 36981 its attorneys and agents, with power of substitution, and with power of appointment of associate attorneys and agents, and of revocation of their powers, to prosecute this application and any divisions, continuations in whole or in part, renewals and reissues of the same, and to transact all business in the Patent and Trademark Office connected therewith;

and assignee requests that communications be sent to:

Customer No. 36981

and that telephone calls be directed to:

Robert R. Jackson
(212) 596-9000.

The undersigned hereby certifies that the evidentiary documents have been reviewed and, to the best of the undersigned's knowledge and belief, title is in assignee.

The undersigned hereby declares that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ALTERA CORPORATION
ASSIGNEE

9/15/05
Date

By:

Derek E. Minihane
Derek E. Minihane
Senior Director, Intellectual
Property Law and
Assistant General Counsel

ASSIGNMENT

THIS ASSIGNMENT, by Greg STARR (hereinafter referred to as the assignor), residing at 2681 Thrasher Lane, San Jose, California 95125, witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in **PLL/DLL CIRCUITRY PROGRAMMABLE FOR HIGH BANDWIDTH AND LOW BANDWIDTH APPLICATIONS**, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date (Herewith); bearing Serial No. (To Be Assigned) and filed on (Herewith); and

WHEREAS, Altera Corporation, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 101 Innovation Drive, San Jose, California 95134 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:


NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge, to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

23 Apr 02
Date



Greg STARR